

**IAP15 Rec'd PCT/PTO 03 APR 2006**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : TBA Confirmation No.: TBA  
Applicant : Keiichi FUKUDA et al.  
Filed : April 3, 2006  
Title : METHOD OF INDUCING THE DIFFERENTIATION OF STEM  
CELLS INTO MYOCARDIAL CELLS  
TC/Art Unit : TBA  
Examiner: : TBA  
Docket No. : 58777.000019  
Customer No. : 21967

**MAIL STOP PCT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, applicants submit attached Form PTO-SB/08B (modified) for consideration and request the references cited therein be made of record by the U.S. Patent and Trademark Office in the above-captioned application.

The cited documents were cited by the Japanese Patent Office in the International Search Report dated November 30, 2004 for International Application No. PCT/JP2004/014598, which was filed on December October 4, 2004. A copy of the International Search Report is enclosed herein.

Applicants respectfully point out that the submission of the listed references in this Information Disclosure Statement is not an admission that they are prior art or that they are material to patentability of any claims of the application. Also, the submission of this Information Disclosure Statement is not an indication that a search has been made by Applicants.

For the convenience of the Examiner in considering the cited references, a copy of each of the cited references is enclosed with this communication. In considering the cited references, it may be noted by the Examiner that certain of the references may contain markings, underlinings, and/or other notations. These markings, underlinings, and/or other notations are not

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to be construed as drawing the Examiner's attention either to selected parts or away from other parts of the cited references. Any such markings were either present on the copies of the cited references obtained by the associated individuals, or were made thereon during the study of the references by the associated individuals.

Consideration of the foregoing plus the prompt return of a copy of the enclosed Form SB/08A with the Examiner's initials in the left column in accordance with MPEP 609 are respectfully requested.

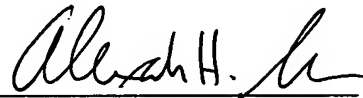
In accordance with 37 C.F.R. § 1.97(b), this Information Disclosure Statement is believed to be submitted prior to issuance of a first Office Action. Therefore, it is respectfully submitted that no fee is required for consideration of this information. However, in the event any fee is deemed necessary, the Commissioner is authorized to charge the undersigned's Deposit Account No. 50-0206.

Respectfully submitted,

HUNTON & WILLIAMS LLP

Dated: April 3, 2006

By:



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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	TBA <b>10/574530</b>
		Filing Date	April 3, 2006
		First Named Inventor	Keiichi FUKUDA et al.
		Art Unit	TBA
		Examiner Name	TBA
Sheet	1 of 1	Attorney Docket Number	58777.000019

## OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
	1.	Monzen et al., "Bone Morphogenetic Proteins Induce Cardiomyocyte Differentiation through the Mitogen-Activated Protein Kinase Kinase TAK1 and Cardiac Transcription Factors Csx/Nkx-2.5 and GATA-4." Molecular and Cellular Biology, Vol. 19, No. 10, pgs. 7096-7105, October 1999.	<input type="checkbox"/>	<input type="checkbox"/>
	2.	Kawai, et al. "Efficient Cardiomyogenic Differentiation of Embryonic Stem Cell by Fibroblast Growth Factor 2 and Bone Morphogenetic Protein 2." Circulation Journal, Vol. 68, pgs. 691-702, July 2004.	<input type="checkbox"/>	<input type="checkbox"/>
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EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.